

# Material Safety Data Sheet

## Section 1 – Chemical Product and Company Identification

Product Name: <b>Hinder Concentrate Deer &amp; Rabbit Repellent</b>	Product ID #: PIN:
Identifier: EPA REG. No. 8119-7	
Manufacturer: Matson, LLC. PO Box 1820 North Bend, WA 98045	Emergency Telephone Number: 1-800-858-7378
Proper Shipping Name: Agricultural Insecticide NOI, liquid	
NFPA Rating: Health = 1; Fire = 0; Reactivity = 0	

## Section 2 – Composition/Information on Ingredients

Hazardous Components	Percent in Product	CAS #	OSHA PEL	ACGIH TLV
Ammonium soaps of higher fatty acids	13.8	mixture	50 ppm (ammonia)	25 ppm (ammonia)

## Section 3 - Health Hazard Data

Route(s) of Entry:	Inhalation? Yes	Skin? Yes	Ingestion? Yes
<b>Eye Contact:</b> May cause irritation. <b>Skin Contact:</b> Repeated or prolonged skin contact may cause irritation. <b>Inhalation:</b> Avoid breathing vapors. Ammonia can cause respiratory distress. <b>Ingestion:</b> This product contains ammonium soaps of higher fatty acids and may irritate digestive tract. <b>Ammonia Toxicity Values:</b> <b>LCLo Human inhalation</b> - 7,000 mg/cu m/3 hr <b>LD50 Rat oral</b> - 350 mg/kg <b>LC50 Rat inhalation</b> - 5,100 mg/cu m/1 hr <b>LC50 Rainbow trout adult</b> - 0.097 mg/L/24 hr /Static bioassay			
<b>Carcinogenicity:</b> No Data.	<b>NTP:</b> No Data	<b>IARC Monographs:</b> None	<b>OSHA Regulated:</b> See Section 2

**Signs and Symptoms of Exposure:** Ammonia vapors can cause eye and skin irritation.

**Preexisting Conditions Aggravated by Exposure:** Irritation of skin or eye. Gastrointestinal disorders.

### Emergency and First Aid Procedures:

**If Swallowed:** Call poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.

**If Inhaled:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth to mouth, if possible. Call a poison control center or doctor for further treatment advice.

**If On Skin or Clothing:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

**If In Eyes:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

## Section 4 - Fire and Explosion Hazard Data

Flammability	No	Special Fire Fighting Methods:	None
Conditions of Flammability: Not flammable. Heating liquid will evolve ammonia vapors.			
Extinguishing Media: CO2, Foam, Dry chemical, Water			
Flash Point	Not Applicable	Upper Flammable Limit	Not Applicable
Unusual Fire Hazards	Not Applicable	Lower Flammable Limit	Not Applicable
Auto ignition Temperature (°C)	Not Applicable	Explosion Data	Not Applicable
Sensitivity to Impact	Not Applicable	Sensitivity to Static Discharge	Not Applicable

## Section 5 - Physical/Chemical Characteristics

Physical State

liquid

Specific Gravity (H<sub>2</sub>O = 1)

Not Available

Vapor Pressure (mm Hg. @ 25C)

7,510 ammonia

Melting Point

Not Available

Vapor Density (AIR = 1)

Not Available

Evaporation Rate

Not Available

Boiling Point

Not Available

Odor Threshold (mg/m<sup>3</sup>)

0.0266 ammonia

pH

Not Available

Oct./H<sub>2</sub>O partition coeff.

Not Available

Freezing point

Not Available

Solubility in Water

100%

Appearance

Brown liquid

Smell

ammonia

## Section 6 - Reactivity Data

**Conditions to Avoid:** Heat. Volatilization of ammonia could cause respiratory distress.

Stability	Stable	Hazardous Polymerization	Will not occur	Incompatibility (avoid)	Acids
<b>Incompatibility (Materials to Avoid):</b> Acids.					
<b>Hazardous Decomposition or Byproducts:</b> Heat will liberate ammonia and oxides of nitrogen.					

## Section 7 – Personal Protection

<b>Respiratory Protection:</b> For vapors, use NIOSH approved respirator with ammonia cartridge.	
<b>Protective Gloves:</b> Impervious gloves	<b>Eye Protection</b> Avoid eye contact. Use safety glasses.
<b>Other Protective Clothing:</b> Overalls or long pants and shirts as needed. Wash after use.	

## Section 8 – Accidental Release Measures

**Spill Response:** Use authorized absorbent material. Avoid breathing ammonia vapors during cleanup. Wear protective gloves, eyewear, respirator and clothing. Use care not to contaminate area-use appropriate labeled containers. Follow appropriate OSHA (29 CFR 1910.120) State and local regulations.

**Waste Disposal Method:** Follow Federal, State and local laws. Do not reuse containers.

## Section 9 – Special Precautions / Handling

**Storage Precautions:** Store in cool, dry, locked area without direct sunlight in original container. Prevent exposure to children or pets. Avoid contamination of feed, seed, fertilizers and foodstuffs.

**Work/Hygienic Practices:** Avoid contact with eyes, skin or clothing. Avoid breathing vapors. Wear NIOSH approved respirator with ammonia canister if needed for vapors. Clean contaminated clothing before reuse.

## Section 10-Transportation Requirements

### DOT Classification:

Not regulated in containers under 1000 lbs.

### DOT Proper Shipping Label

Agricultural Insecticide NOI

**DOT Proper Placard Requirement:** Not Applicable

## Section 11-Other Information

**Disclaimer Notice:** The information in this MSDS was obtained from current and reliable sources. The data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions for use, handling, storage and disposal of this product are beyond the control of Matson, LLC, it is the responsibility of the user both to determine safe conditions for the use of this product and to assume liability for loss, damage or expense arising out of the improper use due to statements or omission in this MSDS. Various Governmental agencies (e.g. DOT, EPA, FDA etc.) may have specific policies concerning the transportation, handling, storage, use, or disposal of this product which may not be reflected in this MSDS. The user should review these regulations to insure full compliance.

Prepared by Ken Matson, Matson, LLC

(425-888-6212).

E-mail: [ken@corrrys.com](mailto:ken@corrrys.com) 9/03